

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on line 9 of page 7 as follows:

The controller 12 has an alert subsystem 30. The alarm subsystem 30 preferably includes a wireless transmitter 32 capable of transmitting an emergency message to a remote location. More preferably, the wireless transmitter 32 is a cellular communication transmitter preprogrammed with contact phone numbers. Preferably, the transmitter communicates not only ~~[[a]]~~ an emergency alert ~~to a~~ to a remote location, but also the ~~thermocouple~~ thermocouple read temperature. The transmitter 32 sequentially dialing preselected contact phone numbers until a message is received. Thereafter, the transmitter waits a predetermined amount of time, for instance two to ten minutes, before accessing another contact telephone number. Typical contact numbers include likely vehicle driver cellular telephone numbers, other vehicle owner contact numbers, and emergency service personnel. Still more preferably, in embodiments of the present invention having a video camera 22, a video image, in either still or movie format, is sent by the wireless transmitter 32 to a recipient contact number capable of visualizing the image to assure that the notification is not a false alarm. The wireless transmitter 32 remains active and serves as a beacon emergency personnel can use to triangulate to locate the vehicle. Optionally, the wireless transmitter 32 also includes a speakerphone (not shown) so that an emergency alert recipient can communicate to an occupant to ~~gage~~ gauge their responsiveness and to communicate rescue information. Alternatively, the vehicle is equipped with a global positioning satellite system (not shown) capable of transmitting by wireless transmitter 32 the vehicle location. A conventional auditory alarm 34 alone or in combination with the wireless transmitter 32 also functions as an alarm system 30. The auditory alarm 34 utilizing the vehicle horn or a devoted auditory siren. It is appreciated that power to operate an inventive system 10

is derived from the vehicle electrical system. Preferably, the inventive system 10 has a reserve power unit 40 to enable the controller 12 to function in the event that the vehicle battery loses power. The reserve power unit 40 preferably includes rechargeable batteries or capacitors that can be recharged through the vehicle electrical system or periodically replaced as part of scheduled maintenance.

Please amend the paragraph beginning on line 4 of page 9 as follows:

Figure 2 is a schematic illustration of a structure monitoring and alert system ~~[[40]]~~ 50 in accordance with one embodiment of the present invention where like numerals relative to Figure 1 have the meanings attached thereto. The inventive system 50 includes a controller 12 receiving inputs from a thermocouple 14 measuring the temperature within a structure room. Where one room of a structure, such as a bedroom is equipped with an additional temperature moderating device such as a room air conditioner, that room of the structure is monitored as the refuge an occupant would use in extreme temperature conditions. The thermocouple output voltage 16 is fed to a controller 12 and compared to a threshold voltage corresponding to a predetermined temperature threshold. While occupant overheating is most often the situation the present invention intends to avoid, it is appreciated that a low temperature threshold is also optionally set. The controller 12 compares the voltage output 16 from the thermocouple 14 relative to a preselected threshold value. A mammalian body detector 18 is positioned to sense the movement associated with a human or animal occupant within the room. Preferably, the motion detector 18 is configured to transmit an electrical signal to the controller 12. Motion detectors conventional to the art are operative herein and illustratively include those that operate on the principles of an infrared sensor, vibration sensors, carbon dioxide sensors and the like.

Optionally, a video camera 22 is also mounted to capture an image of the room. As a matter of privacy, the video camera is only activated to collect an image when a preselected thermal threshold value is exceeded. The output from the video camera 22, if present, is likewise fed to controller 12.